

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD103020AR\
 Data File : FD035241.D
 Signal(s) : FID2B.CH
 Acq On : 30 Oct 2020 19:00
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 02 00:11:13 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 08:22:01 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.642	2405200	20.866 ug/ml
Spiked Amount 50.000		Recovery =	41.73%
6) S 2-Fluorobiphenyl (SURR)	8.506	1637862	20.603 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.21%
11) S ortho-Terphenyl (SURR)	11.544	2724331	20.668 ug/ml
Spiked Amount 50.000		Recovery =	41.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.439	2759262	21.216 ug/ml
2) T Naphthalene (C11.7)	5.979	2842062	20.898 ug/ml
3) T 2-Methylnaphthalene (...)	7.031	2832489	20.784 ug/ml
5) T Acenaphthylene (C15.06)	8.308	2673348	20.102 ug/ml
7) T Acenaphthene (C15.5)	8.603	2809566	20.769 ug/ml
8) T Flouorene (C16.55)	9.384	2679182	20.651 ug/ml
9) T Phenanthrene (C19.36)	10.781	2602789	20.536 ug/ml
10) T Anthracene (C19.43)	10.856	2489472	19.478 ug/ml
12) T Fluoranthene (C21.85)	12.592	2533982	20.341 ug/ml
13) T Pyrene (C20.8)	12.889	2419418	19.796 ug/ml
14) T Benzo[a]anthracene (C...	14.761	2119258	19.993 ug/ml
15) T Chrysene (C27.41)	14.803	2321574	19.840 ug/ml
16) T benzo[b]fluoranthene ...	16.312	2099720	20.458 ug/ml
17) T Bnezo[k]fluoranthene ...	16.343	2135694	20.365 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.690	1900864	20.070 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.056	1958117	22.079 ug/ml
20) T Dibenz[a,h]anthracene...	18.093	2160048	21.305 ug/ml
21) T Benzo[g,h,i]perylene ...	18.309	2061707	21.576 ug/ml

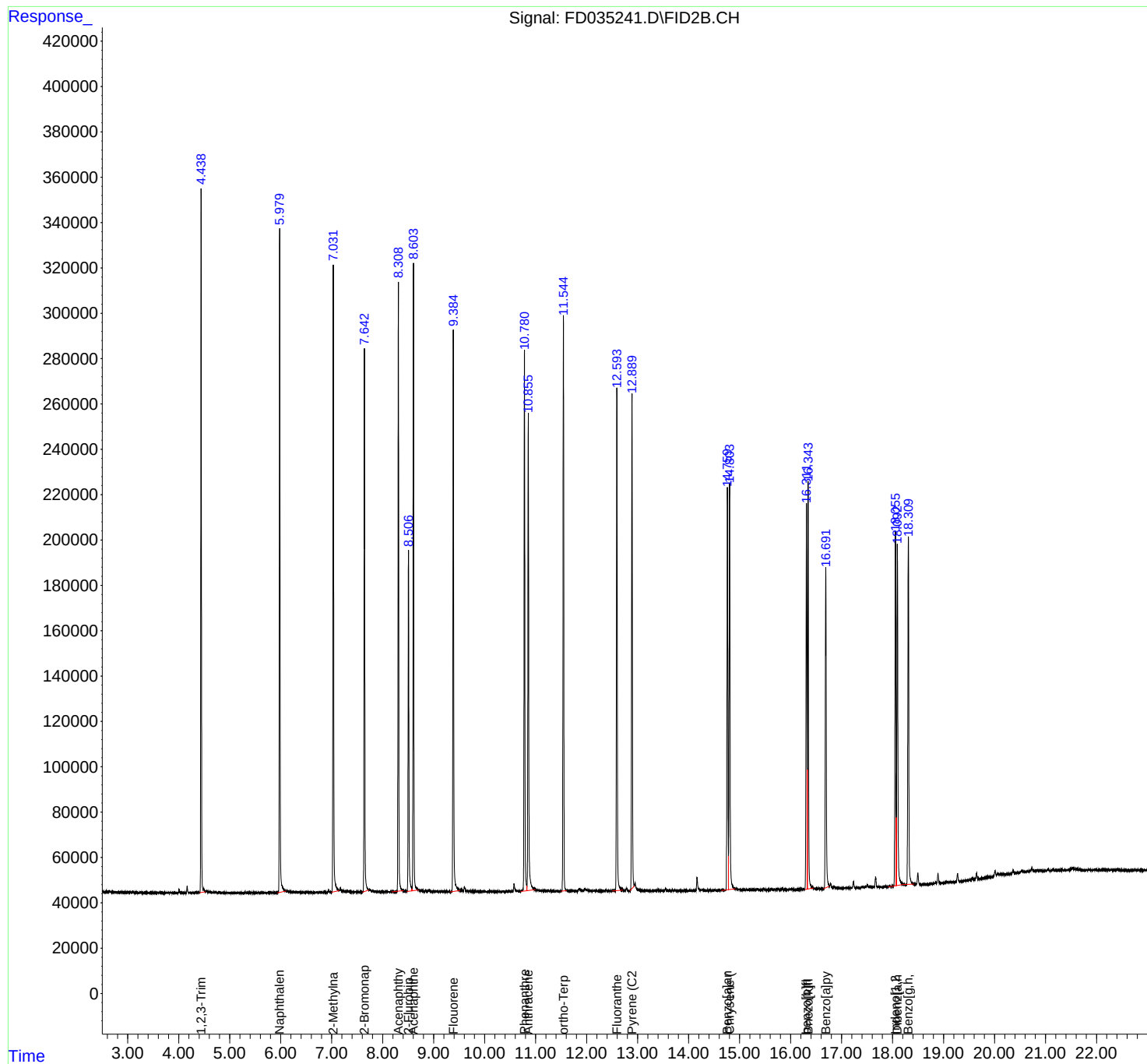
(f)=RT Delta > 1/2 Window

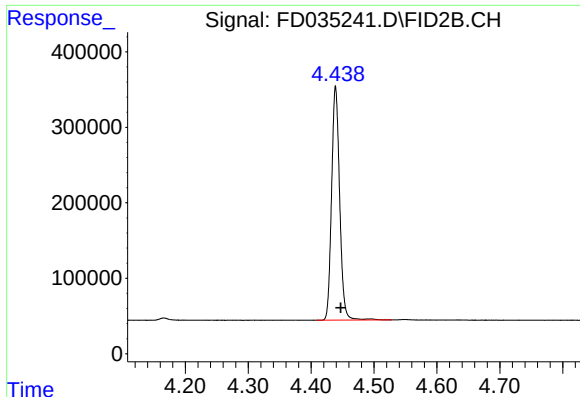
(m)=manual int.

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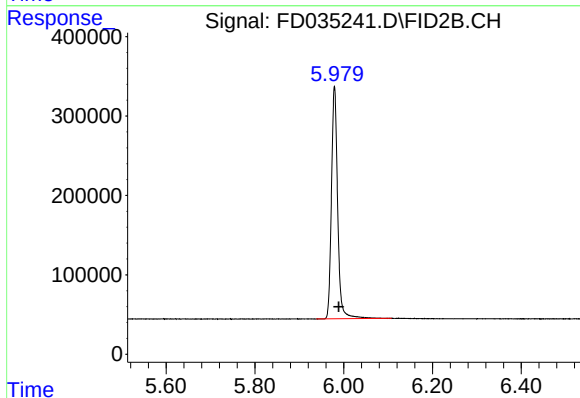
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





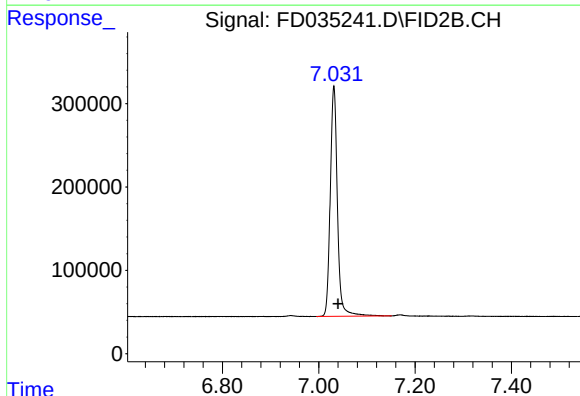
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.439 min
Delta R.T.: -0.008 min
Response: 2759262
Conc: 21.22 ug/ml



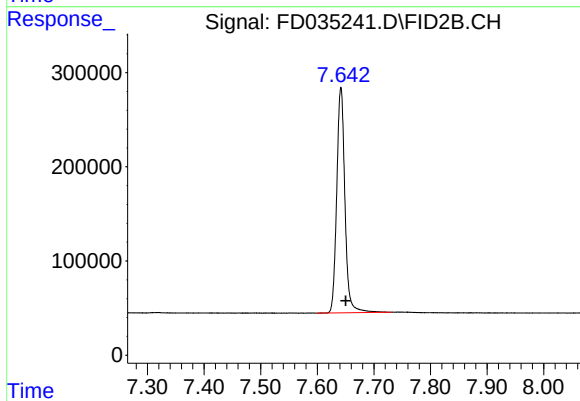
#2 Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: -0.009 min
Response: 2842062
Conc: 20.90 ug/ml



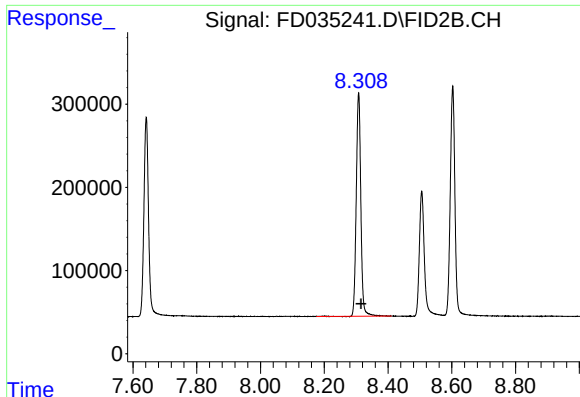
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.031 min
Delta R.T.: -0.009 min
Response: 2832489
Conc: 20.78 ug/ml



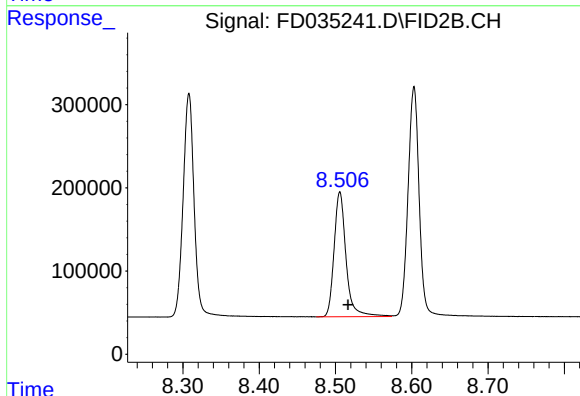
#4 2-Bromonaphthalene (SURR)

R.T.: 7.642 min
Delta R.T.: -0.009 min
Response: 2405200
Conc: 20.87 ug/ml



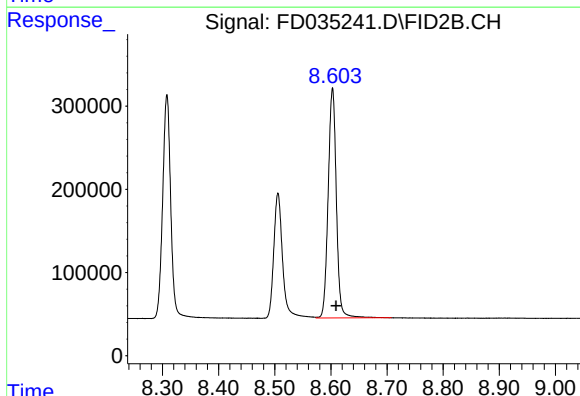
#5 Acenaphthylene (C15.06)

R.T.: 8.308 min
Delta R.T.: -0.007 min
Response: 2673348
Conc: 20.10 ug/ml



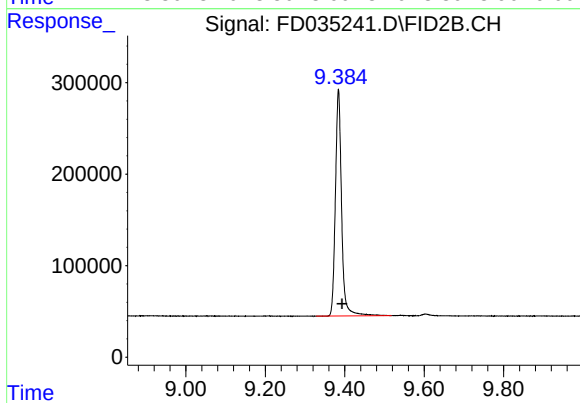
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.506 min
Delta R.T.: -0.011 min
Response: 1637862
Conc: 20.60 ug/ml



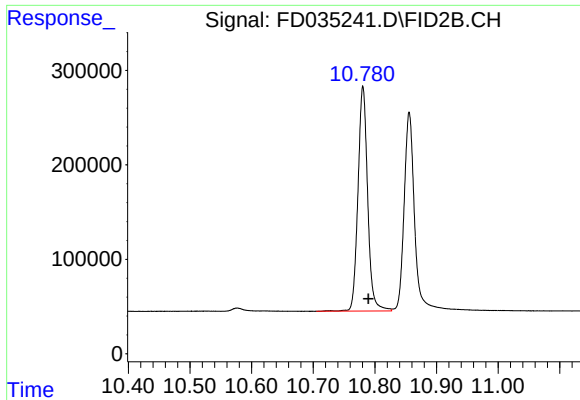
#7 Acenaphthene (C15.5)

R.T.: 8.603 min
Delta R.T.: -0.006 min
Response: 2809566
Conc: 20.77 ug/ml



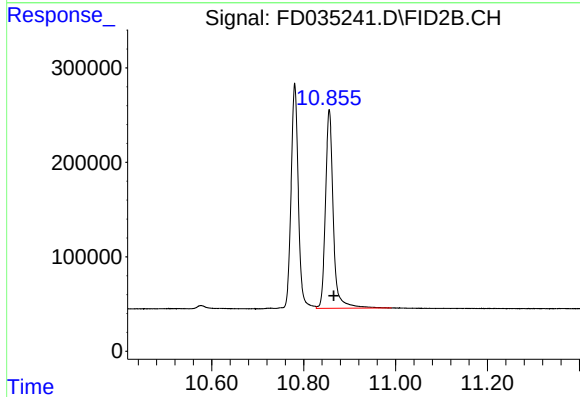
#8 Flouorene (C16.55)

R.T.: 9.384 min
Delta R.T.: -0.009 min
Response: 2679182
Conc: 20.65 ug/ml



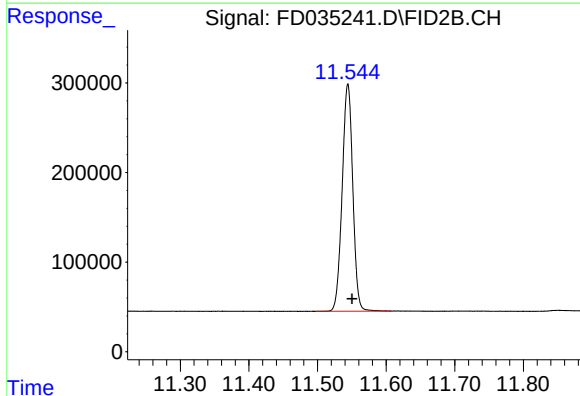
#9 Phenanthrene (C19.36)

R.T.: 10.781 min
Delta R.T.: -0.009 min
Response: 2602789
Conc: 20.54 ug/ml



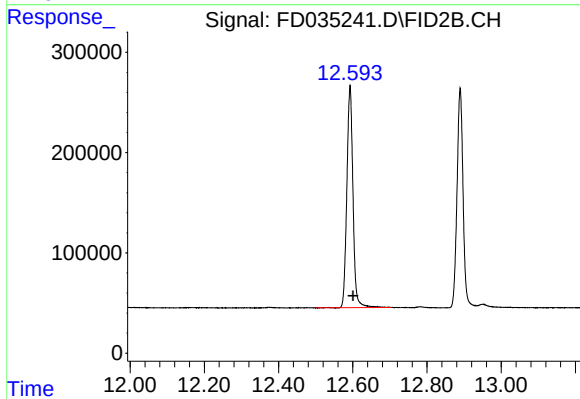
#10 Anthracene (C19.43)

R.T.: 10.856 min
Delta R.T.: -0.010 min
Response: 2489472
Conc: 19.48 ug/ml



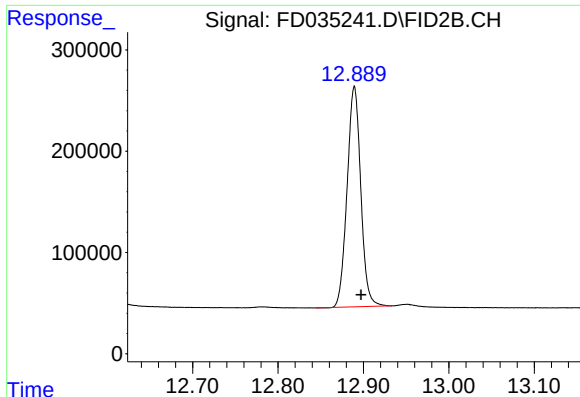
#11 ortho-Terphenyl (SURR)

R.T.: 11.544 min
Delta R.T.: -0.006 min
Response: 2724331
Conc: 20.67 ug/ml



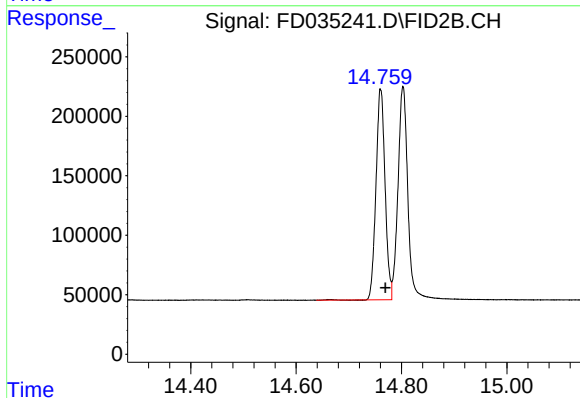
#12 Fluoranthene (C21.85)

R.T.: 12.592 min
Delta R.T.: -0.008 min
Response: 2533982
Conc: 20.34 ug/ml



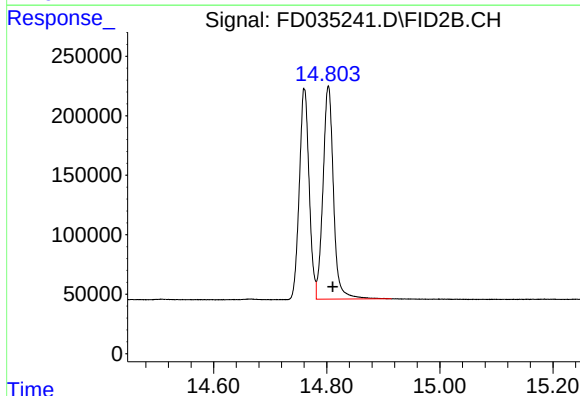
#13 Pyrene (C20.8)

R.T.: 12.889 min
Delta R.T.: -0.008 min
Response: 2419418
Conc: 19.80 ug/ml



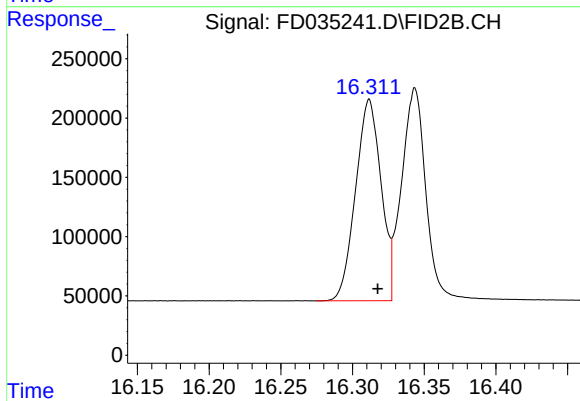
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.761 min
Delta R.T.: -0.009 min
Response: 2119258
Conc: 19.99 ug/ml



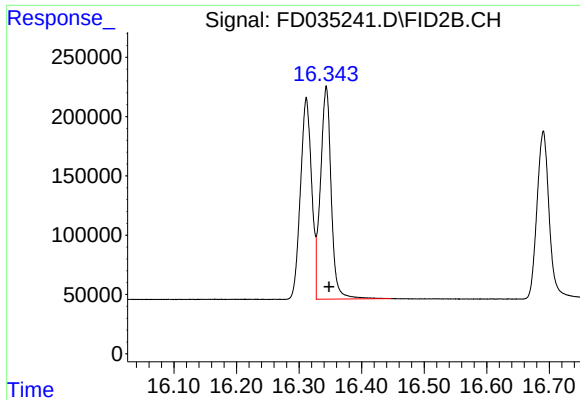
#15 Chrysene (C27.41)

R.T.: 14.803 min
Delta R.T.: -0.008 min
Response: 2321574
Conc: 19.84 ug/ml



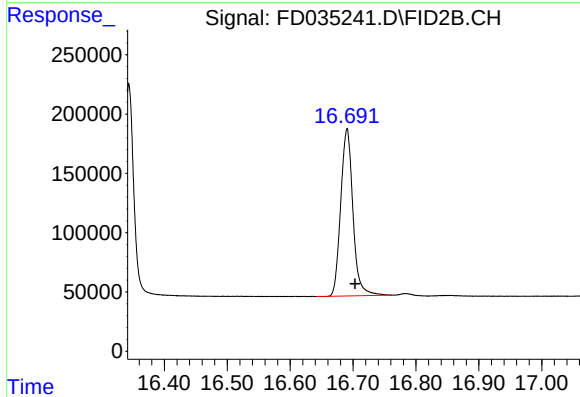
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.312 min
Delta R.T.: -0.006 min
Response: 2099720
Conc: 20.46 ug/ml



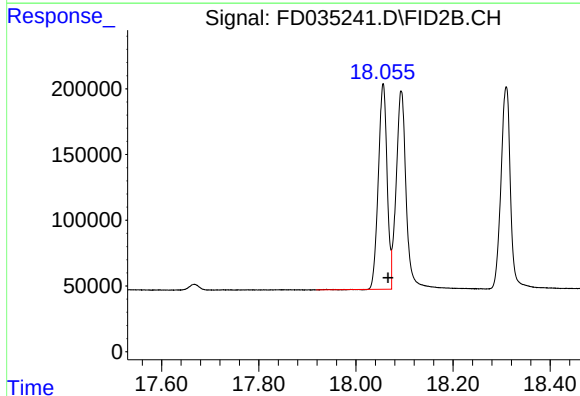
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.343 min
Delta R.T.: -0.005 min
Response: 2135694
Conc: 20.36 ug/ml



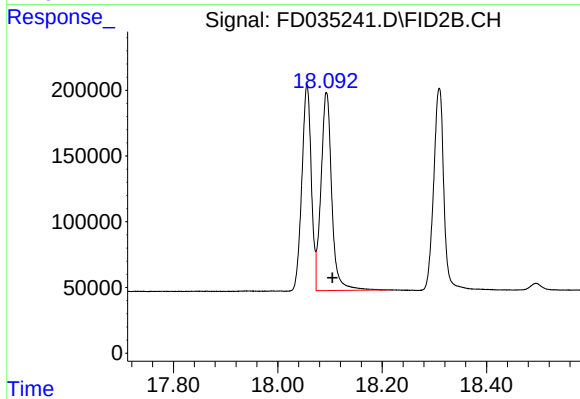
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.690 min
Delta R.T.: -0.013 min
Response: 1900864
Conc: 20.07 ug/ml



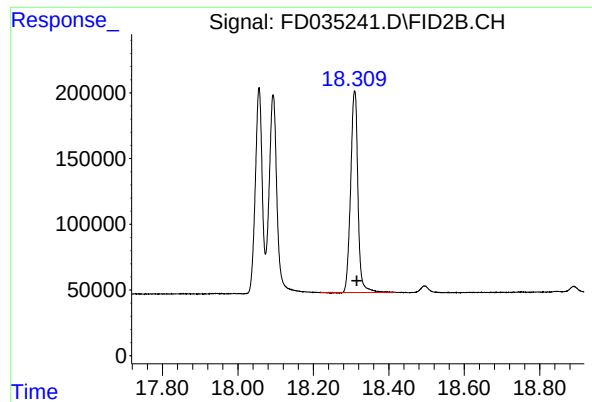
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.056 min
Delta R.T.: -0.010 min
Response: 1958117
Conc: 22.08 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.093 min
Delta R.T.: -0.011 min
Response: 2160048
Conc: 21.30 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.309 min
Delta R.T.: -0.006 min
Response: 2061707
Conc: 21.58 ug/ml